

**What is claimed is:**

1. Fragmenting devices for shredding paper and breaking compact discs comprising elements including a top cover, a base, an electric motor, a decelerator and two cutting tool sets, wherein a paper insertion opening,  
5 and a compact disc insertion opening are defined in a top surface of the top cover; the electric motor, the decelerator and the two cutting tool sets are respectively positioned in the base, wherein the electric motor drives and thereby actuates the decelerator assembled from a number of gears, furthermore, the electric motor also drives and thereby controls rotation  
10 of gears of the two cutting tool sets, thereby enabling a shaft of a connecting gear to drive and thereby rotate the two cutting tool sets, two sets of circular paper shredder cutting blades are peripherally mounted with bayonet-like cutting edges, and the two paper shredder cutting blades engage in a mutual interlacing fashion; and is characterized in that:  
15 the connecting gear is configured lateral to and links up with the gears of the decelerator, and the connecting gear drives and thereby rotates another gear, and a cutting tool gear of the compact disc cutting tool set coaxial with the gear drives and thereby rotates another cutting tool gear at a side thereof, the two cutting tool gears separately drive and thereby  
20 rotate the set of rotary cutters therewith, the two cylindrical rotary cutters are mutually juxtaposed thereby forming a cutting tool set therefrom, and pressed grains are defined on surfaces of the rotary cutters, a compact disc is inserted between the two rotary cutters through the compact disc insertion opening defined in the top surface of the top cover, and  
25 thereupon the compact disc is mashed and broke up.